

4/2

**AMERICAN CHEMICAL SERVICES NPL SITE  
GRIFFITH, INDIANA  
SITE SUMMARY AS OF October 2, 1990**

**SITE HISTORY**

The American Chemical Services NPL site was listed on the National Priorities List (NPL) in September 1984. The ACS site contains a RCRA "interim status" facility currently undergoing closure proceedings overseen by the Indiana Department of Environmental Management. When it operated the facility accepted various hazardous materials, primarily spent solvents, for distillation and eventual resale. The ACS site is composed of three landfilled areas: the "on-site containment area"; the "off-site containment area"; and the village of Griffith municipal landfill. The two containment areas contain numerous buried drums and sludges derived from ACS processes, and contain non-recyclable materials transported to ACS by its customers all during the period from 1955 until 1975. The Village of Griffith landfill was used by ACS for disposal of various hazardous substances. Other areas at the site include the Kapica Drum area (located outside the operating portion of the facility) and a buried still bottoms pond (located inside the operating facility). Kapica Drum encompasses approximately two acres and formerly housed a drum reclaiming operation which was known to discharge solvents directly to the ground surface. A consent order to perform a RI/FS was signed by approximately 150 former customers of ACS as potentially responsible parties (PRPs) on June 28, 1988. Site work began in late June 1989. The USEPA recently issued a RCRA complaint against ACS, which resulted in a Consent Decree ordering ACS to either comply with RCRA financial assurance regulations by early September 1990, or close the facility. As a result of the decree, ACS ceased accepting hazardous wastes as of September 6, 1990. ACS is required to submit their hazardous waste closure plan to the Indiana Department of Environmental Management by October 5, 1990 per the decree.

**CURRENT CLEANUP STATUS**

Phase I of the RI was completed in early December 1989, with the submittal of technical memoranda to USEPA by the PRPs contractor. Phase I results showed highly contaminated soils in the Kapica Drum area, highly contaminated groundwater underlying most areas of the site, and large volumes of hazardous waste materials within the on-site and off-site containment areas. Phase II RI field work concentrated on determining the extent of groundwater contamination, sampling of residential wells, delineating the volume of highly toxic hazardous substances in the waste burial areas (e.g., PCBs), delineating site wetlands, delineating sediment and surface water contamination, and the extent of waste burial. A limited "third" phase of site work scheduled to begin September 10, 1990 to determine the continuity of an aquitard clay layer in the northwest portion of the site. Additional deep aquifer and shallow aquifer wells are expected to be installed during October to aid in finding the edge of contaminant plumes in these aquifers in distinct areas. The RI Report will discuss the findings of Phases I, II and III.

**ENVIRONMENTAL SITUATION**

Large tracts of wetlands border the site to the west, southwest, north, and east. Sediment samples have been taken to assess the impact the site has had on these areas. Groundwater is heavily contaminated with benzene, xylene and toluene, and halogenated compounds in DNAPL form. Lesser concentrated substances include methylene chloride, chloroethane, phenols, various semi-volatile compounds and trace PCBs near one source area. Groundwater appears to discharge to nearby wetland areas but the extent of discharge and its impact is as yet unknown. Preliminary data shows the lower aquifer to be contaminated on-site, however, residential wells screened in the deep aquifer near the site do not appear to be impacted.

**PROPOSED SCHEDULE**

Due to difficulties arising from an increased use of laboratory time, submittal of the draft RI report to USEPA has been delayed from September 7, until September 24, 1990. The final RI report which will include all phases of the RI, is expected to be completed by February 1991. The FS report is due to USEPA by April 1991. A Record of Decision has been scheduled for the end of June 1992.

All dates are currently projected and do not account for unforeseen site complexities.



# RESPONDENTS TO THE RI/FS CONSENT ORDER

3M Company  
 AMD Industries  
 Abbott Labs  
 Acme Printing  
 Acme Steel  
 Adheron Coatings  
 Aigner Products  
 Allied Signal  
 Amerace Corp.  
 American National Can  
 American Roller Co.  
 Ashland Chemical  
 Ashland Petroleum  
 Atlas Electric Device  
 Auburn Diecast Corp.  
 Bagcraft Corp. of Am.  
 Ball Corp.  
 Baxter Healthcare  
 Bennett Industries  
 Borg-Warner Corp.  
 Breuer Electric Mfg.  
 Breve Corp.  
 Brunswick Corp.  
 Burwood Products  
 C.P. Hall Co.  
 CSX Transportation  
 CTS Corp.  
 Ceco Corporation  
 Champion Internatl  
 Chase Products  
 Chicago Adhesive  
 Chicago Loop Auto-  
 Refinishing Inc.  
 Chicago Rotoprint  
 Coca-Cola Foods  
 Continental Can  
 Cudner & O'Connor Co  
 DAP, Inc.  
 Daubert Chemical Co.  
 DeMert & Dougherty  
 Denniston, Ltd.  
 DeSoto, Inc.  
 Dietzgen Corp.  
 DiversiTech General  
 Dixline Corporation  
 Dreeblan Paint Co.  
 E.I. DuPont  
 Eli Lilly & Company  
 Ericsson Inc.  
 Exacto Products  
 Federal Paper Board  
 Flint Ink Corp.  
 Fort Dearborn-  
 Lithograph  
 Freeman Chemical  
 G.D. Searle & Co.  
 GCA Corp  
 Gast Manufacturing  
 General Am.Trnsprtn  
 General Electric  
 General Motors  
 Glidden Company  
 Great Lakes Terminal Trnsprt Corp.  
 Hitco  
 Hugh J. McLaughlin  
 Hydrite Chemical  
 Hydrosol, Inc.  
 Illinois Bronze Paint

Industrial Coatings  
 Insilco Corp.  
 Intl Minerals & Chem  
 International Shoe  
 J.T. Clark  
 James River Corp.  
 John Crane, Inc.  
 KMS Companies  
 Kencote Laminations  
 Knowles Electronics  
 Lake Salvage, Inc.  
 Littlefuse, Inc.  
 Lockformer, Co.  
 Mallinckrodt, Inc.  
 Manta Vincor Steel  
 Martin Marietta Corp.  
 Matthews Paint Co.  
 Midland Div of Dexter Milton  
 Bradley Co.  
 Mobil Oil Corp.  
 Mortell Co.  
 Morton Thiokol  
 Motorola, Inc.  
 Niles Chemical Paint  
 Nutrasweet Co.  
 O'Brien Corp.  
 Occidental Chemical  
 Owens-Corning Fiberglass  
 PPG Industries  
 Packaging Corp of Am Packard  
 Instrument  
 Peacock Colors, Inc.  
 Pelron Corp.  
 Phillips & Martin  
 Pioneer Paint Prdcts  
 Plicon Corp.  
 Pratt & Lambert  
 Precision Brand Prdts  
 Premier Coatings Inc.  
 Primerica Corp.  
 R.R. Donnelly & Sons  
 Redson Rice Corp.  
 Refiners Trnspt Reichold Chemicals  
 Reliable Paste & Chem  
 Revere Copper & Brass  
 Rogers Cartage Co.  
 Rollprint Packaging  
 Roy Strom Refuse Removal Service,  
 Inc  
 Rust-oleum Corp.  
 S.C. Johnson & Son  
 Safety Kleen  
 St. Clair Mfg. Co.  
 Sherwin Williams Co.  
 Sinclair & Valentine  
 Smith Victor Corp.  
 Standard T. Chemical  
 Starcraft Co.  
 Stepan Company  
 Sterling Engrd Prdcts  
 Stuart Indstrl Coatng  
 Sullivan Varnish  
 T.L. Swint Indstr  
 Technical Products  
 Teepak, Inc.  
 Teledyne Post  
 Texaco Inc.

Thiele-Engdahl  
 Tingstol Co.  
 USX Corp.  
 Union Carbide  
 Union Oil  
 Union Tank Car  
 Uniroyal Plastics  
 United Technolgies  
 V.J. Dolan  
 Valspar  
 Varn Products  
 Velsicol Chem.  
 W.C. Richards Co.  
 Western Publishing  
 Westinghouse Electric  
 Whirlpool Corp.  
 Whiteco Industries  
 Witco Chemical  
 Worum Fiberglass Supply  
 Zenith Electronics

## PROJECT CONTACTS

### U.S. EPA

Robert E. Swale  
Remedial Project Manager  
U.S. EPA Region V  
230 South Dearborn 5HS-11  
Chicago, IL 60604  
(312) 886-5116

Steve Siegel  
Assistant Regional Counsel  
U.S. EPA Region V  
Office of Regional Counsel  
11 West Jackson  
Chicago, IL 60604  
(312) 353-1129

### Steering Committee Members

Andrew Perellis, Esquire  
Coffield, Ungaretti,  
Harris & Slavin  
3500 Three First National Plaza  
Chicago, IL 60602  
(312) 977-9227

Thomas Giller  
Coffield, Ungaretti,  
Harris & Slavin  
3500 Three First National Plaza  
Chicago, IL 60602  
(312) 977-9238

### PRP Project Manager

Peter Vagt, PhD.  
Warzyn Engineering Inc.  
2100 Corporate Drive  
Addison, Illinois 60101  
(708) 691-5058

# U.S. EPA REGION V

Office of Superfund

TELEFAX COMMUNICATION



TO: *Carol Dorge*

Phone: *269-8869*

FROM: *P. Swake*

Phone:

MESSAGE: *ACS Site Summary*

Call

for retransmission.

Page

of

Pages